

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

NIGEL D. YOUNG

GB 010051

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

Title: MATRIX ARRAY DEVICES WITH FLEXIBLE SUBSTRATES

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

3. (amended) A device according to Claim 1, wherein the areas of weakness comprise locally thinner regions of the substrate.

6. (amended) A device according to Claim 1, wherein the areas of weakness comprise areas of the substrate at which the material of the substrate is rendered less stiff compared with the areas of the substrate occupied by the semiconductor devices.

7. (amended) A device according to any one of Claims 1, wherein the substrate comprises polymer material.

8. (amended) A device according to any one of Claims 1, wherein the areas of weakness extend as lines of weakness between the areas of the substrate carrying the semiconductor devices.

10. (amended) A device according to any one of Claims 1, wherein the discrete areas of the substrate carrying the semiconductor devices are thicker than the remaining areas of substrate.

11. (amended) A device according to claim 1, wherein the semiconductor devices each comprise a semiconductor film formed into an island.

12. (amended) A device according to claim 1, wherein the semiconductor devices comprises thin film transistors.

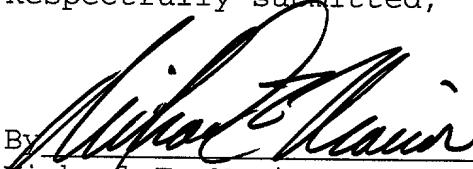
13. (amended) A device according to claim 1, wherein the device comprises an active matrix display devices having an array of display pixels and in which each semiconductor device is connected to a respective pixel electrode carried on the substrate.

REMARKS

The foregoing amendments to the claims were made solely to avoid filing the claims in the multiple dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicant respectfully reserves all rights he may have under the Doctrine of Equivalents. Applicant furthermore reserves his right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Respectfully submitted,

By   
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APPENDIX

3. (amended) A device according to Claim 1-~~or Claim 2~~, wherein the areas of weakness comprise locally thinner regions of the substrate.

6. (amended) A device according to Claim 1-~~or Claim 2~~, wherein the areas of weakness comprise areas of the substrate at which the material of the substrate is rendered less stiff compared with the areas of the substrate occupied by the semiconductor devices.

7. (amended) A device according to any one of Claims 1-~~to 6~~, wherein the substrate comprises polymer material.

8. (amended) A device according to any one of Claims 1-~~to 7~~, wherein the areas of weakness extend as lines of weakness between the areas of the substrate carrying the semiconductor devices.

10. (amended) A device according to any one of Claims 1-~~to 7~~, wherein the discrete areas of the substrate carrying the semiconductor devices are thicker than the remaining areas of substrate.

11. (amended) A device according to ~~any one of the preceding~~  
~~claims~~claim 1, wherein the semiconductor devices each comprise a  
semiconductor film formed into an island.

12. (amended) A device according to ~~any one of the preceding~~  
~~claims~~claim 1, wherein the semiconductor devices comprises thin  
film transistors.

13. (amended) A device according to ~~any one of the preceding~~  
~~claims~~claim 1, wherein the device comprises an active matrix  
display devices having an array of display pixels and in which each  
semiconductor device is connected to a respective pixel electrode  
carried on the substrate.